ProMariner™

"ProTournament chargers are the absolute fastest and most efficient on-board battery charger I have ever used. When paired with optima blue tops the power & performance is simply unmatched." ***Zell Rowland***

More choices with our exclusive **POWER OF 3**

2012 Full Line Product Catalog

Supplier of the Year NMDA NATIONAL MARINE DISTRIBUTORS ASSOCIATION YOUR LINK TO THE SUPPLY CHAIN

2011 PITTMAN INNOVATION AWARD

2010 IBEX INNOVATION AWARDS WINNER

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specifications subject to change without notice

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ProMariner™

30 Years

"ProMariner will put you on the water first with power to last"

Just over 30 years ago, Professional Mariner was founded on the premise of making boating more enjoyable by pioneering a robust line of fully automatic, onboard marine battery chargers and providing the marine industry with a main stream method of charging batteries in a short time without the need for storing or carrying portable battery chargers on-board.

Our technology quickly moved to mass production of cost-effective, mount and forget marine battery chargers providing boat owners all over the world with a product solution to extend and manage battery life without the need to manually handle batteries on an individual basis.

With this success and the advent of more boats using shore power we quickly responded to the need of solving the most common forms corrosion while boats are slipped and connected to shore power. Using the same high quality and robust semiconductors in our power products ProMariner designed and manufactured the 1st line of Marine Galvanic isolators which solved most forms of corrosion, premature zinc loss and today continues to lead the industry as a product solution.

The result: more fun by spending more time boating, sailing or fishing versus maintaining zincs and waiting at home or at the dock for individual batteries to charge.

Consistent with our pioneering heritage, winning the prestigious 2011 NMDA Supplier of the Year Award in addition to the 2011 Pittman Innovation Award and 2010 IBEX Innovation Award for our new ProNauticP All Digital Marine Charger Series marks a special point in time for ProMariner. ProNauticP represents full utilization of our of ProMar Digital Performance charging platform which harnesses leading technology to deliver innovative products rich in features. The all new award winning ProNauticP bolsters power factor correction, dual digital displays and 12 performance charge profiles in addition to ProIsoCharge our digitally controlled zero volt loss battery isolators.

With the broadest range of on-board charging products in the industry, we offer cost effective and performance solutions for all boats whether its open water cruising, sailing, salt water sport fishing, recreational boating and watersports, bass and walleye recreational or tournament fishing.

We are pleased to present our full line marine assortment for your boating enjoyment. Thank you for your support and interest in ProMariner and our expanding line of marine products.

Jerry

Gerald (Jerry) Demirjian
Senior Vice President
ProMariner

Supplier of the Year NMDA National Marine Distributors Association Your Link to the Supply Chain

2011 Pittman Innovation Award

2010 IBEX Innovation Awards Winner

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ProMariner™

1.5 Amp Battery Maintainers

Ideal for Sport Fishing, Ski Boats Jet Skis, ATVs, Tractors and more

ProSport 1.5 Recreational Maintainers are available in Portable and On-Board Models. Designed to provide your batteries with a precise Maintenance Mode, safe for long and short term battery storage. The ProSport is a fully automatic / precision regulated maintainer that can be left on indefinitely & unattended while keeping your battery fully charged and extending its life. Great for ski boats, personal watercraft, tractors, storing automobiles and more.

ONE YEAR WARRANTY INCLUDED

Fully Automatic Maintenance Mode for Long or Short Term Storage

Internal Lead Acid / GEL Battery Selector
Providing an optimum maintenance mode for either battery type. A feature not available in competitive plastic models

Designed to Maintain 12V Batteries up to 150 Amp Hours

Precision Regulated Float Mode

Built-In Protection
Ignition, reverse polarity, over temperature, and short circuit protection.

LED ON Indicator

Pre-Wired for Easy Installation

Will Not Drain Batteries if Left Connected with No AC Power Present

Certified to Marine UL 1236

model	part no.	volts	amps	banks	cable length	size	weight	AC in
ProSport 1.5 Portable	10115	12	1.5	1	4'	2.2"x 3.5" x 3.9"	1.5 lbs	95-135
ProSport 1.5 On-Board	10116	12	1.5	1	4'	2.2"x 3.5" x 3.9"	1.75 lbs	95-135

ProMar
Performance Charging

Moderate *Charge Times*

ProMariner™

ProMite Series

Industry Standard Power Ratings...

ProMite incorporates industry leading fully automatic technology that eliminates the need to use portable battery chargers to charge each battery on-board one at a time. ProMite is pre-wired for easy installation and provides years of automatic charging and maintenance for all batteries on-board. Plug it in and forget about it. ProMariner's ProMite Recreational Grade boating & fishing series provides fully automatic charging and performance with moderate charge times and built-in safe maintenance mode for long or short term storage. Safe for Lead Acid or GEL batteries with features that include; 100% waterproof design, LED Power and Charge indicators, shock resistant durable molded case, and dual inline battery bank fuses for all 2 and 3 bank models providing maximum safety. Other built-in safety features include: over temperature, reverse polarity, and ignition protection.

100% WATERPROOF & SALTWATER TESTED

ONE YEAR WARRANTY INCLUDED

Recreational On-Board Marine Battery Chargers

Fully Automatic Charging
Charges and Conditions batteries with a built-in safe maintenance mode for long and short term storage.

Automatic Charging for Lead Acid or GEL Batteries
Optimized charging output for Lead Acid or GEL batteries.

Waterproof and Shock Resistant
Saltwater tested for coastal boating.

Dynamic Thermal Output Control
Provides appropriate charging amps to your batteries while maintaining recommended charger temperature.

Built-in Protection
Reverse polarity, ignition & temperature protection.

LED Power and Charge Indicators
At-a-glance power and charging status.

Pre-wired for Easy Installation

model	part no.	system volts DC	max DC amps	max no. batteries	DC cable length	size	weight	AC in
ProMite 5	31305	12	5	1	4'	5.75" x 3.5" x 2"	5 lbs	90-135
ProMite 5/5	31310	12/24	10	2	4'/4'	9" x 5.25" x 2"	8 lbs	90-135
ProMite 5/5/3	31313	12/24+ENG	13	3	4'/4'/4'	9" x 5.25" x 2"	9 lbs	90-135

Fast Charge Times

ProMariner™

D² Distributed-on-Demand Technology

ProSport Series

Increased Power & Performance...

ProSport On-Board Marine Battery Chargers have been taken to the next level in design and performance. Features include: 3 built-in performance charge profiles for: Flooded, GEL and AGM battery chemistries and expanded LED status center. With ProSports innovative digital battery type selector, charge profiles can be programmed and reprogrammed with simplicity. ProSport delivers increased power and performance for faster charge times with its rugged 100% waterproof and shockproof design utilizing advanced electronic technology in a heavy duty compact and light weight case. Sequential multi-stage charging gives you the peace of mind that your batteries are being charged, conditioned and maintained so your batteries are ready when you are. Factory set with a precision flooded (lead acid) performance charge profile that is friendly to your batteries while extending their life and delivering a full charge every time. ProSport's automatic maintenance mode is safe for short or long term storage.

100% WATERPROOF & SALTWATER TESTED

TWO YEAR WARRANTY INCLUDED

Pb lead-free RoHS 2002/95/EC

(2011 SMT Digital models)

Heavy Duty Recreational Series On-Board Marine Battery Charger

Distributed-On-Demand™ Technology
Automatically charge and maintain engine crank batteries while sensing and distributing 100% of the available charging amps to trolling motor or house bank batteries.

Automatic Multi-Stage Charging
Fully charge and extend the life of your batteries with ProSport's multi-stage performance charge profiles. Automatically charges and conditions your batteries with a built-in safe maintenance mode for long or short term storage.

Extruded Aluminum Housing
For superior heat transfer and durability.

Dynamic Thermal Output Control
Controls charging amps while maintaining the recommended charger temperature.

Built-in Quality & Safety
Compact and rugged design, 100% waterproof and shockproof, dual inline DC safety fuses for trolling motor / accessory battery banks, dynamic thermal output control, over voltage, overload, over temperature, reverse polarity, and ignition protection.

Pre-Wired for Easy Installation

Expanded features include...

Expanded LED Status Center
High visibility LED status center provides at-a-glance status of: AC Power, Charge Mode, Battery Type, and Ready /Maintenance Mode.

Digital Battery Type Selector
3 Charge Profiles - User selectable performance charge profiles for: Flooded (lead-acid)/STD AGM, GEL & High Performance (HP) AGM.

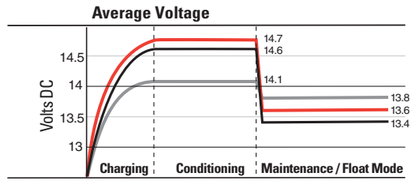
Dual In-Line Safety Fuses
Maximum safety protection from reverse polarity and accidental short circuit of trolling motor or house bank battery charger cables.

model	part no.	DC voltage systems	amps	banks	cable length	size	weight	AC in
ProSport 6	42006	12	6	1	5'	5.75"x 7.25" x 2.5"	3 lbs	90-135
ProSport 8	42008	12/24	8	2	5'/5'	7"x 7.25" x 2.5"	4 lbs	90-135
ProSport 12	42012	12/24	12	2	5'/5'	8.5"x 7.25" x 2.5"	5 lbs	90-135
ProSport 20	42020	12/24	20	2	5'/5'	10.75"x 7.25" x 2.5"	6 lbs	90-135
ProSport 20 Plus	42021	12/24/36	20	3	5'/5'/5'	10.75"x 7.25" x 2.5"	7 lbs	90-135

For 12, 24 and 36Volt Systems (model specific, see chart below)

ProSport6, ProSport8 , ProSport12, ProSport20, ProSport20Plus

ProSport Battery Type & Multi-Stage Charging Overview



	Color	Battery Type	Charge Profile
PROGRAMMING CAP	FLOODED AGM	Flooded (Lead-acid) / STD AGM	14.6 VDC Conditioning 13.4 VDC Maintenance
	GEL GEL	GEL	14.1 VDC Conditioning 13.8 VDC Maintenance
	AGM HP	High Performance (HP) AGM	14.7 VDC Conditioning 13.6 VDC Maintenance

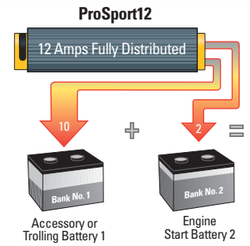
ProSport's Sequential Multi-Stage Charging process delivers three sequenced modes of operation that include: Charging, Conditioning and Maintenance of each battery. This process is proven to extend the life of your batteries and will fully charge your batteries each time.

Stage 1 - ProSport Charging:
During this mode, the ProSport will use its available charging amps (as controlled by temperature) until battery voltage is raised to 14.6 VDC (Factory setting for standard Flooded (Lead-acid) / STD AGM batteries).

Stage 2 - ProSport Conditioning:
The ProSport will hold batteries at 14.6 VDC (Factory setting for Flooded (LeadAcid/STD AGM batteries) providing a 100% charge to each battery, while conditioning them by desulfating each one. Upon completion, the ProSport will go into its maintenance mode.

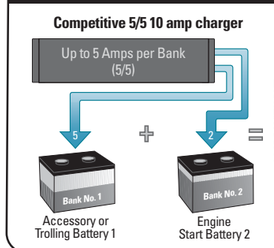
Stage 3 - ProSport Ready / Maintenance Mode:
During this mode, the ProSport will hold batteries at 13.4 VDC. The Red Charging LED and the RED Battery Type LED (Factory set charge profile for standard Flooded (Lead-acid / STD AGM batteries) will turn off indicating the charge process is completed, followed by the Green READY LED turning on. ProSport will automatically maintain battery(s) in this mode.

Distributed-On-Demand™ Multi-Stage Charging Output



ProSport's Distributed-On-Demand™ Charging Technology ensures 100% of the available charging amps are fully utilized to meet the demand of each battery on-board. Let's say your engine start battery only needs 2 amps from your "ProSport 12" (6/6) 2 bank charger. No problem. The unused 4 amps will be automatically Distributed-On-Demand™ to battery bank #1 providing a total of 10 amps to the trolling motor battery versus only 5 amps that the conventional 5/5 charger would provide. The competitive 5/5 charger has a 5 amp limit per bank .

Typical Leading Competitive Charging Output



Competitive chargers have an amp limitation per bank. As illustrated, the (5/5) 10 amp charger can not transfer the unused 3 amps not required by the engine start battery, leaving only a maximum of 5 amps for the trolling motor battery.

Global AC Input - 100-260 VAC 50/60Hz Power Factor Corrected Models Below

model	part no.	batteries	DC voltage systems	amps	cable length	size	weight	AC in
ProSport 12 Dual PFC	42026	2	12	12	5'/5'	9.0"x 7.25" x 2.5"	5 lbs	90-240
ProSport 20 Single PFC	42027	1	12	20	5'	10.75"x 7.25" x 2.5"	5 lbs	90-240
ProSport 20 Dual PFC	42028	2	12/24	20	5'/5'	10.75"x 7.25" x 2.5"	6 lbs	90-240
ProSport 20 Triple PFC	42029	3	12/24/36	20	5'/5'/5'	10.75"x 7.25" x 2.5"	7 lbs	90-240

Fastest *Charge Times*

ProMariner™

ProTournament Series

Tournament Winning Technology...

The fastest charger in its class, specifically designed to charge AGM and flooded lead acid batteries with it pre-set factory performance charge profile. Automatic, 3-step charging with 100% output at the dock, even at 90V AC using an extension cord. Distributed-On-Demand™ means 100% of the output is always used, distributing full-rated charging amps to one bank or a combination of all banks as required. Designed with the professional fisherman in mind. Rugged, low-profile, all-aluminum housing provides superior cooling at half the weight of most chargers. 2 to 3 times faster than competitive chargers and proven to condition and extend battery life. Includes on-board, push-to-test status monitor on ProTournament 150 and 300, fused output cables, LED charge cycle indicator, reverse polarity and ignition protection. Manufacturer's limited lifetime repair warranty with 1-year replacement warranty. For use on 12V, 24V or 36V systems. 100% waterproof and prewired for installation.

Professional Grade Series
On-Board Marine Battery Charger

Distributed On-Demand™ Charging
Automatically senses and distributes a full 10, 15, 20 or 30 amps (model specific) to any one bank or combination of all banks.

Faster Charging
2 to 3 times faster than traditional battery chargers, with true 3 step charging technology each step is electronically controlled for the fastest charge.

Professional Performance
100% battery charge guaranteed. 100% charging output with AC power as low as 90 VAC while using long extension cords at the dock, lodging site or home. Proven to condition and extend the life of your batteries.

Compact Lightweight Design
Rugged "Space Saver" all aluminum housing is half the height and weight of leading traditional chargers. Unit is not potted and is completely serviceable for a lifetime of use under ProMariner's lifetime repair guarantee.

Built-in Safety
Reverse polarity, ignition and over temperature protection.

Easy Operation
Pre-wired for easy installation.

*On-board tri-mode charging and "Push-to-Test" charge level indicator - ProTournament 150, 300 & 300 Quad

**On-board dual-mode charging indicator for dual output models - ProTournament 100, 200 & 300 Dual

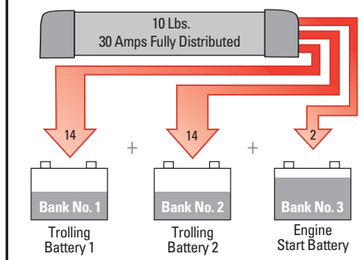
All models are factory set for Flooded (Lead-Acid) / AGM and can be reset by the factory with an internal selection for GEL batteries.

"ProTournament chargers are the absolute fastest and most efficient on-board battery charger I have ever used. When paired with optima blue tops the power and performance is simply unmatched." ***Zell Rowland***

For 12, 24 or 36 Volt Systems (model specific, see chart below)

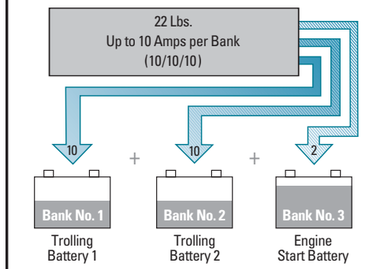
ProTournament100 Dual, ProTournament200 Dual, ProTournament150 Triple, ProTournament300 Dual, ProTournament300 Triple, ProTournament300 Quad

Distributed On-Demand™ 3 Step Charging Output



ProMariner's Distributed On-Demand Charging technology ensures 100% of the ProTournament 300's 30 amps is fully utilized. The 8 amps not required by the engine start battery is automatically Distributed On-Demand to trolling motor batteries #1 and #2.

Typical Leading Competitive Charging Output



Competitive chargers have an amp limitation per bank as illustrated. The 30 amp (10/10/10) charger only delivers 22 amps. The 8 amps not used by the engine start battery can not be shifted to battery #1 or battery #2.

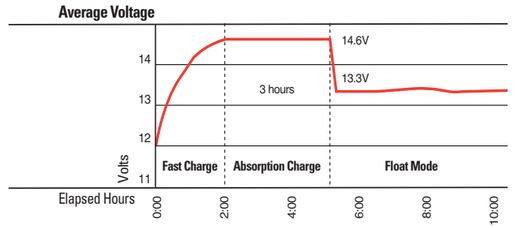
Above illustration reflects typical battery usage after a day of fishing. Trolling motor batteries are 50% discharged and not usable. Engine start battery is 80% charged from the engine charging system.

True 3 Step Charging Electronically Controlled for the Fastest Charge

Step 1: Fast Charge
Charger delivers maximum amperage to batteries for the fastest charge (current regulation mode) until battery voltage is raised to 14.6 VDC.

Step 2: Absorption Charge
Maximizes charge and holds voltage at 14.6 VDC for 3 hours (voltage regulation mode) reducing sulfate buildup and conditions batteries.

Step 3: Float Mode
A precision 13.3 VDC finishing voltage that maintains your batteries, (step down voltage regulation mode) which is perfect for short or long storage periods and will never overcharge your batteries.



model	part no.	volt	amps	banks	charge rate	cable length	size	weight	AC in
ProTournament 100**	51010	12/24	10	2	100 amps / 10hrs	6'/6'	3"x 12" x 6 7/8"	6 lbs	90-270
ProTournament 150*	51015	12/24/36	15	3	150 amps / 10hrs	6'/6'/6'	3"x 13" x 6 7/8"	8 lbs	90-135*
ProTournament 150L*	51016	12/24/36	15	3	150 amps / 10hrs	12'/9'/9'	3"x 13" x 6 7/8"	9 lbs	90-135*
ProTournament 200**	51020	12/24	20	2	200 amps / 10hrs	6'/6'	3"x 13" x 6 7/8"	9 lbs	90-135*
ProTournament 300Dual**	51032	12/24	30	2	300 amps / 10hrs	6'/6'	3"x 15.5" x 6 7/8"	10 lbs	90-135*
ProTournament 300*	51030	12/24/36	30	3	300 amps / 10hrs	6'/6'/6'	3"x 15.5" x 6 7/8"	10 lbs	90-135*
ProTournament 300L*	51031	12/24/36	30	3	300 amps / 10hrs	12'/9'/9'	3"x 15.5" x 6 7/8"	11 lbs	90-135*
ProTournament 300Quad*	51034	12/24/36/48	30	4	300 amps / 10hrs	15'/9'/9'/9'	3"x 17" x 6 7/8"	13 lbs	90-135*

*Factory / Internal selection 180 - 270 VAC **The ProTournament 100, 200 and 300 Dual do not include the on board "push to test" battery bank indicator feature

ProMariner™

More choices with our exclusive POWER OF 3

Waterproof Charging Selector Guide

With our Power of 3 offering, selecting the right charger has never been easier.

Choose your charger in 3 steps:

1. **Select the grade of battery charger that best suits your usage...**
2. **Select the recovery time that best suits your needs...**
3. **Select the number of batteries you wish to charge & condition.**

Our advanced line of waterproof chargers is designed for any combination of group 24, 27 and 31 batteries. Each charger bank cable is for a dedicated 12V battery, even if it is configured for a 12, 24 or 36 Volt trolling motor or system application.

If your application is for 4D or 8D batteries, please refer to ProMariner's ProNauticP Series or call ProMariner for assistance at 1-800-824-0524.

100% WATERPROOF & SALTWATER TESTED

ProTournament Series Professional Grade Chargers

Fastest Charge Times

- Boost mode charging for fastest charge times
- Automatic 3-stage charging
- 100% Charging performance at the dock @ 90 VAC
- Half the height and weight of traditional chargers
- The professional choice for performance agm and flooded lead acid batteries
- 2 Year warranty - limited lifetime repair

D2 Distributed on Demand Technology

ProSport Series Heavy Duty Recreational Chargers

Fast Charge Times

- More amps per bank for faster charge times
- Automatic multi-stage charging
- 3 Charge profile digital battery type selector:
- Flooded (lead-acid)/STD AGM, GEL and high performance (HP) AGM
- Expanded led status center
- Extruded aluminum case
- 2 Year warranty

D2 Distributed on Demand Technology

ProMite Series Recreational Chargers

Moderate Charge Times

- Standard power ratings for moderate charge times
- Automatic multi-stage charging
- Durable plastic molded housing / epoxy filled
- Flooded / GEL charging profile
- 1 Year warranty

Tournament Winning Technology

Charge Times: 3 to 8 Hours*

Part No.	Model	Volts	Charger Output	No. of Batteries	12V	12V 12V	12V 12V 12V	12V 12V 12V 12V	DC Cable Length	Size L x W x H	Weight	AC Input
51010	ProTournament100	12/24	10 Amps	2 Bank		X			6'/6'	12" x 6.875" x 3"	6 lbs	90-270
51015	ProTournament150	12/24/36	15 Amps	3 Bank			X		6'/6'/6'	13" x 6.875" x 3"	8 lbs	90-135
51020	ProTournament200	12/24	20 Amps	2 Bank		X			6'/6'	13" x 6.875" x 3"	9 lbs	90-135
51032	ProTournament300 Dual	12/24	30 Amps	2 Bank		X			6'/6'	15.5" x 6.875" x 3"	10 lbs	90-135
51030	ProTournament300	12/24/36	30 Amps	3 Bank			X		6'/6'/6'	15.5" x 6.875" x 3"	10 lbs	90-135
51034	ProTournament300 Quad	12/24/36/48	30 Amps	4 Bank				X	15'/9'/9'/9'	17" x 6.875" x 3"	13 lbs	90-135

Increased Power & Performance

Charge Times: 8 to 10 Hours*

Part No.	Model	Volts	Charger Output	No. of Batteries	12V	12V 12V	12V 12V 12V	12V 12V 12V 12V	DC Cable Length	Size L x W x H	Weight	AC Input
42006	ProSport 6	12	6 Amps	1 Bank	X				5'	5.75" x 7.25" x 2.5"	6 lbs	90-135
42008	ProSport 8	12/24	8 Amps	2 Bank		X			5'/5'	7" x 7.25" x 2.5"	8 lbs	90-135
42012	ProSport 12	12/24	12 Amps	2 Bank		X			5'/5'	8.5" x 7.25" x 2.5"	9 lbs	90-135
42020	ProSport 20	12/24	20 Amps	2 Bank		X			5'/5'	10.75" x 7.25" x 2.5"	10 lbs	90-135
42021	ProSport 20 Plus	12/24/36	20 Amps	3 Bank			X		5'/5'/5'	10.75" x 7.25" x 2.5"	11 lbs	90-135

Standard Power Ratings

Charge Times: 10 to 12 Hours*

Part No.	Model	Volts	Charger Output	No. of Batteries	12V	12V 12V	12V 12V 12V	12V 12V 12V 12V	DC Cable Length	Size L x W x H	Weight	AC Input
31305	ProMite 5	12	5 Amps	1 Bank	X				4'	5.75" x 3.5" x 2"	5 lbs	90-135
31310	ProMite 5/5	12/24	10 Amps	2 Bank		X			4'/4'	9" x 5.25" x 2"	8 lbs	90-135
31313	ProMite 5/5/3	12/24+ENG	13 Amps	3 Bank			X		4'/4'/4'	9" x 5.25" x 2"	9 lbs	90-135

For Optional Accessories, Please See Waterproof Battery Charger Accessories Page

ProMariner™

Waterproof Charging Accessories

Battery Bank Cable Extenders

No cutting, stripping or splicing wires!
2 convenient sizes to choose from 5' or 15'
Gold-plated terminals, in-line fuses & hardware included

ProMariner AC Plug Holder

No cutting, stripping or splicing wires!
Secure your AC plug with an easy-to-mount receptacle
Black or white

Hand-Held DC System Tester

At-a-glance testing of batteries, on-board charger, alternator/ regulator output
6 Easy-to-read LED indicators
Compact, lightweight design

Hand-Held Digital Multi-Meter

Large digital LCD display
Back light feature
Test leads included
Measurement hold feature
Built in EZ stand
Continuity tone alert

Remote Battery Bank Status Indicator

Remote "Push to Test" status indicators for up to 3 batteries with easy-to-read LED indicators
Display is universal flush or surface mount capable

Universal AC Plug Holder

No cutting, stripping or splicing wires!
Mount any AC plug in easy-to-use receptacle
Black or white

ProBeam Flashlight

Water resistant design
All metal construction
High-intensity LED area lighting
100,000 Hour white LED

model	part no.	color	length
15' Battery Bank Cable Extender	51070	Black	15'
5' Battery Bank Cable Extender	51071	Black	5'
Remote Battery Bank Status Monitor	51060	Gray	N/A
ProMariner AC Plug Holder	51200	White	N/A
ProMariner AC Plug Holder	51201	Black	N/A
Universal Plug Holder	51202	Black	N/A
Universal Plug Holder	51203	White	N/A
DC System tester	87710	Gray	N/A
ProBeam Flashlight	10111	Black	N/A
Hand Held Digital Multi-Meter	87730	Gray	N/A

ProMariner™

Marine Binoculars

Premium Grade Coastal & Offshore Optics

High Seas Marine Binoculars

100% Waterproof & Nitrogen Filled
Internal Illuminated Range Finder & Compass
Integrated Range Calculator
Center Focus
Bak 4 Prisms

GS50 GulfStream Marine Binoculars

100% Waterproof & Nitrogen Filled
Internal Illuminated Range Finder & Compass
Integrated Distance Calculator
Individual Eye Focus
Bak 4 Prisms / Retained Lens Caps
Rubber Coated Housing

GS20 GulfStream Marine Binoculars

100% Waterproof & Nitrogen Filled
Individual Eye Focus
Bak 4 Prisms
Rubber Coated Housing
Retained Lens Caps

Consumer's Choice Water Resistant Optics

Weekender Marine Binoculars

Water Resistant
Center Focus
Bak 4 Prisms
Retained Lens Caps

Recreational Grade WaterSport Optics

WaterSport 7 x 50 Marine Binoculars

100% Waterproof & Nitrogen Filled
Float without Strap
Center Focus
Bak 4 Prisms
Retained Lens Caps
Enhanced Green Coated Lens

WaterSport Compact Marine Binoculars

100% Waterproof & Nitrogen Filled
Center Focus
Bak 7 Prisms
Molded Finger Grips
Blue Coated Lens

model	part no.	power	prism
High Seas Professional Marine Binoculars	12751	7 x 50 RC	BAK 4
GulfStream GS20 Recreational Marine Binoculars	12747	7 x 50	BAK 4
GulfStream GS50 Recreational Marine Binoculars	12749	7 x 50RC Plus	BAK 4
WaterSport 7 x 50 Recreational Marine Binoculars	11755	7 x 50	BAK 4
WaterSport 6 x 18 Compact Recreational Marine Binoculars	01618	6 x 25	BAK 7
Weekender 7 x 50 Marine Binoculars	11752	7 x 50	BAK 4

ProMariner™

2010 IBEX INNOVATION AWARDS WINNER

2011 PITTMAN INNOVATION AWARD

ProNauticP Series

All Digital Electronic Charging...

Industry recognized with the 2010 IBEX Innovation Award, ProNauticP employs our Generation 3 ProMar Digital Performance Charging Platform which combines all digital control and software-based power conversion technology with global energy management features. ProNauticP addresses the trend of incorporating and using more 12-volt electronics onboard today's power, sail, cruising and sport fishing boats. Boasting twelve digitally-controlled performance charging profiles with finger tip selection, ProNauticP fully charges, conditions, maintains and re-conditions batteries while extending battery life and maximizing battery reserve power performance. Designed to provide more time on the water enjoying what you like most… boating.

Global AC Input
100-260 VAC 50/60 Hz
Power Factor Corrected

FIVE YEAR WARRANTY
LIMITED LIFETIME REPAIR

MICRO PROCESSOR CONTROL

ProMar Digital Performance Charging

ProMar Digital Charging Performance - 12 Selectable Profiles

Up to 12 performance & precision 4-stage charging profiles: Charge, Condition, Maintain and Re-condition. Automatic dockside power mode for 12 Volt DC lighting and appliances. Factory set for Flooded (Lead Acid) batteries. AGM, GEL and others are selectable.

Power Factor Correction - Global AC Input

Auto-ranging (100-260VAC/50-60Hz) global AC input with reduced harmonic distortion allowing all models to operate off a household power outlet connection. ProNauticP consumes less power so more AC power is available on board.

Distributed On Demand™ Technology

Automatically senses and distributes 100% of available charging amps to any one bank or combination of all banks.

Digital Self-Calculating Absorption and Battery Health Re-Conditioning Mode

Automatically programs conditioning time based on discharge state of batteries. Automatically recharges batteries after 21 days of inactivity in the maintain mode, improving reserve power performance and extending battery life by reducing battery sulfation.

Conservation Energy Saver Mode

After 72 hours of not seeing a load greater than 5 amps, float voltage will be lowered consuming less energy during storage periods. (for flooded & sealed charge profiles)

Service and Fault Mode LED Indicators

Real time indication of wiring faults or adverse conditions that may impact the operation of a boat's charging system.

Automatic Fan Speed Control

Quiet operation. Innovative front exhaust prevents restriction of air flow and cooling.

Automatic Temperature Compensation and Built-in Safety

Remote temperature probe included - Ignition protected and current limiting. Designed and constructed to: Marine ULc 1236, CE, CTick and FCC Class B.

Dual Digital Displays and Power Output Bar

Auto Conservation and Self Test Modes

Battery Type and EZ View Service Indicators

D2 Distributed on Demand Technology

Safety Certified by: TÜV NRTL C US — To Standards: UL 1236 SB, CSA C22.2-107.2

Pb lead-free · RoHS 2002/95/EC · NMMA · CE · ABYC

Available in 12V or 24V models:

ProNautic1210P, ProNautic1215P, ProNautic1220P, ProNautic1230P, ProNautic1240P, ProNautic1250P, ProNautic1260P, ProNautic2420P, ProNautic2430P

12 Volt and 24 Volt Digitally Controlled Charge Profiles

	12 Volt Models				24 Volt Models			
	Preset-1		Preset-2		Preset-1		Preset-2	
Battery Type	Conditioning Voltage	Float Voltage	Conditioning Voltage	Float Voltage	Conditioning Voltage	Float Voltage	Conditioning Voltage	Float Voltage
Flooded	14.8 VDC	13.6 VDC	14.7 VDC	13.4 VDC	29.6 VDC	27.2 VDC	29.4 VDC	26.8 VDC
Sealed	14.4 VDC	13.6 VDC	14.6 VDC*	13.4 VDC*	28.8 VDC	27.2 VDC	29.2 VDC*	26.8 VDC*
AGM	14.4 VDC	13.4 VDC	14.6 VDC	13.7 VDC	28.8 VDC	26.8 VDC	29.2 VDC	27.4 VDC
GEL	14.0 VDC	13.7 VDC	14.4 VDC	13.8 VDC	28.0 VDC	27.4 VDC	28.8 VDC	27.6 VDC
LiFePO4 - Lithium	14.8 VDC	14.4 VDC	14.6 VDC	14.4 VDC	29.6 VDC	28.2 VDC	29.2 VDC	28.8 VDC
Calcium/Prgm Custom	15.1 VDC	13.6 VDC	Pgrm VDC**	Pgrm VDC**	30.2 VDC	27.2 VDC	Pgrm VDC***	Pgrm VDC***
Equalization	15.5 VDC	15.5 VDC	15.5 VDC	15.5 VDC	31.0 VDC	31.0 VDC	31.0 VDC	31.0 VDC

* Factory setting | **Default = 13.6 VDC | ***Default = 27.7 VDC

Accessories:

Optional Digital Display and Control Remote

ProNauticP optional remote available for interactive remote port for digital display and control.
P/N 63100

Expand your ProNautic P Digital Charging System with...

ProIsoCharge Series

Intelligent Alternator Power Distribution System

Our newest line of ProIsoCharge digitally controlled isolators for on the water charging with zero voltage loss. Installed with our ProNauticP Series battery charger you can enjoy the full benefit of shore power and on the water charging.

model	part no.	volt	amps	banks	AC input voltage	Amperage @ 100 / 240 VAC	cycle	size	weight
ProNautic1210P	63110	12	10 Amp	2 Bank	100-260 Autoranging	< 3.0 / < 1.5	50/60	10.25"(l) x 8.5"(w) x 3.5"(h)	5 lbs
ProNautic1215P	63115	12	15 Amp	3 Bank	100-260 Autoranging	< 4.0 / < 2.0	50/60	10.25"(l) x 8.5"(w) x 3.5"(h)	5 lbs
ProNautic1220P	63120	12	20 Amp	3 Bank	100-260 Autoranging	< 5.0 / < 2.5	50/60	10.25"(l) x 8.5"(w) x 3.5"(h)	5 lbs
ProNautic1230P	63130	12	30 Amp	3 Bank	100-260 Autoranging	< 6.0 / < 3.0	50/60	10.25"(l) x 8.5"(w) x 3.5"(h)	5 lbs
ProNautic1240P	63140	12	40 Amp	3 Bank	100-260 Autoranging	< 7.0 / < 3.5	50/60	10.25"(l) x 8.5"(w) x 3.5"(h)	5 lbs
ProNautic1250P	63150	12	50 Amp	3 Bank	100-260 Autoranging	< 10.0 / < 5.0	50/60	12.25"(l) x 8.5"(w) x 3.5"(h)	7 lbs
ProNautic1260P	63160	12	60 Amp	3 Bank	100-260 Autoranging	< 11.0 / < 5.5	50/60	12.25"(l) x 8.5"(w) x 3.5"(h)	7 lbs
ProNautic2420P	63170	24	20 Amp	3 Bank	100-260 Autoranging	< 7.0 / < 3.5	50/60	10.25"(l) x 8.5"(w) x 3.5"(h)	5 lbs
ProNautic2430P	63180	24	30 Amp	3 Bank	100-260 Autoranging	< 11.0 / < 5.5	50/60	12.25"(l) x 8.5"(w) x 3.5"(h)	7 lbs

ProMariner™

ProNauticP Series Selector Guide

ProNauticP Series chargers are designed for cuddies, cruisers, sailboats, yachts and commercial / larger fishing boats. Boats in this class typically have a common ground and are set up for shore power AC and sometimes include the use of a generator and/or an inverter on board. A 12VDC common ground system is typical for most boats, however larger boats and commercial boats may be utilizing a 24V, 32V or 36V common ground DC system.

Method 1 Preferred

When choosing a dry mount charger, the following information will aid in the proper selection:

1. **How many low voltage lights are on-board and total estimated amperage required when they are all on?** (Good rule of thumb is 1 amp per bulb)
2. **How is the boat used. If there is a lot of use while at the dock, what is the total estimated DC amp draw if at the dock with all lights and DC appliances on?**
3. **What is the DC voltage system onboard?** (12VDC or 24VDC or 32VDC or 36VDC)
4. **Is there an inverter being used? If yes what is the wattage rating and DC input amps required?**
5. **What is the number of batteries and group size of each battery?**

For example: After answering the above you find you have 12VDC system with 18 DC lights on board and a VHF radio you like to leave on with a satellite TV for entertaining, you would find your DC amp load would be approximately 20 amps. Add an additional 10 amps for charging capacity and select a 30 amp charger. This would be a Pronautic1230P as shown in the chart on the adjacent page.

12 Selectable Charge Profiles

Power Factor Correction - Global AC Input

Distributed On Demand™ Technology

Digital Self Calculating Absorption / Conditioning Mode

Conservation Energy Saver Mode

Dual Digital Displays with Power Output Bar

Power-On Self Test Start up Diagnostics

Automatic Battery Health Mode

Service and Fault Mode LED Indicators

Built-in Safety - Ignition Protected and Current Limiting

Global AC Input
100-260 VAC 50/60 Hz
Power Factor Corrected

FIVE YEAR WARRANTY
LIMITED LIFETIME REPAIR

MICRO PROCESSOR CONTROL

lead-free RoHS 2002/95/EC

All Digital Charging Technology

Part No.	Model	Volts	Charger Output	No. of Batteries	Cycles	Total number of All Batteries / Amp Hours On-Board 100-199	200-299	300-399	400-599	600-799	Size L x W x H	Weight	AC Input
63110	ProNautic 1210P	12	10 Amps	2 Bank	50/60	5 Hrs	10 Hrs				10.25" x 8.5" x 3.5"	5 lbs	100-260
63115	ProNautic 1215P	12	15 Amps	3 Bank	50/60	3 Hrs	6 Hrs	10 Hrs			10.25" x 8.5" x 3.5"	5 lbs	100-260
63120	ProNautic 1220P	12	20 Amps	3 Bank	50/60		5 Hrs	7 Hrs	10 Hrs		10.25" x 8.5" x 3.5"	5 lbs	100-260
63130	ProNautic 1230P	12	30 Amps	3 Bank	50/60		3 Hrs	5 Hrs	8 Hrs		10.25" x 8.5" x 3.5"	5 lbs	100-260
63140	ProNautic 1240P	12	40 Amps	3 Bank	50/60			5 Hrs	8 Hrs	11 Hrs	10.25" x 8.5" x 3.5"	5 lbs	100-260
63150	ProNautic 1250P	12	50 Amps	3 Bank	50/60			4 Hrs	6 Hrs	9 Hrs	12.25" x 8.5" x 3.5"	7 lbs	100-260
63160	ProNautic 1260P	12	60 Amps	3 Bank	50/60			3 Hrs	5 Hrs	7 Hrs	12.25" x 8.5" x 3.5"	7 lbs	100-260
63170	ProNautic 2420P	24	20 Amps	3 Bank	50/60	4 Hrs	6 Hrs	8 Hrs	10 Hrs	12 Hrs	10.25" x 8.5" x 3.5"	5 lbs	100-260
63180	ProNautic 2430P	24	30 Amps	3 Bank	50/60	3 Hrs	4 Hrs	6 Hrs	8 Hrs	10 Hrs	12.25" x 8.5" x 3.5"	7 lbs	100-260

Method 2:

If you are not able to answer all the questions listed in method 1, you may make a selection by simply understanding the number and sizes of each battery on board and compare it to table 1 below. Select a recovery time that is suitable for your needs. Batteries are categorized into "Group" size designations and each group size has an average number of amp hours (AH) available in each battery classification. The combined total of all batteries to be charged provides your total amp hours.

For Example: 2 group 27 batteries (100 AH each) and 1 group 8D (225 AH) totals 3 batteries with a combined total of 425 AH (100 + 100 + 225 = 425).

Table 1: The Battery Charger Selector Guide is meant to be used as a guide to help determine the right charger for your needs. All charge times given are using the longest time it would take to charge a dead (50% discharged) set of batteries. In most cases, your set of batteries will recharge much faster. See group size below

GROUP 24	Average of 85 Amp Hours	GROUP 4D	Average of 165 Amp Hours
GROUP 27	Average of 100 Amp Hours	GROUP 8D	Average of 225 Amp Hours
GROUP 31	Average of 115 Amp Hours		

Accessories:

Optional Digital Display and Control Remote

ProNautic P optional remote available for interactive remote port for digital display and control.

ProMariner™

ProIsoCharge Series

Significantly Smarter...

ProIsoCharge delivers digitally controlled alternator output distribution while protecting the health of engine start batteries, isolating and charging up to 3 other independent battery banks off of a single alternator (model specific). For dual engine applications, ProIsoCharge offers an exclusive 2 alternator input model with up to 4 battery banks. Save space and time by eliminating traditional diode based isolators and ancillary voltage sensitive relays or solenoids, isolating and charging multiple battery banks simultaneously. Eliminate typical alternator voltage loss of up to .6 VDC that is commonly associated with traditional diode based isolators. Intelligent zero volt loss isolation insures fully charged batteries and faster charge times. Installed with the ProNautic P Series, a boat owner can enjoy the full benefit of shore power and on the water charging. Designed to provide more time on the water enjoying what you like most... boating.

Intelligent Alternator Power Distribution System

ProMar Digital Performance Zero Volt Loss Isolation and Charging

All digital design delivers active battery status and automatic engine battery health priority while digitally distributing the full output of your engine's alternators.

Intelligent Isolation and Charging Software Control

ProIsoCharge's intelligent software control provides priority charging to a battery bank that is under load (i.e house bank or power inverter bank) by taking fully charged batteries off line and priority charging discharged battery banks, while insuring the health of the engine batteries.

Real Time LED Status Indicators

Highly visible LEDs to indicate alternator power is present and battery bank charging status. Fault LEDs include: high and low alternator output, over-voltage protection and high voltage conditions that may be present on any one of the battery banks connected (that are also connected to other charging sources gen set combi etc).

Ignition Controlled

Distributed On Demand™ battery bank management will only activate with ignition power on.

Advance Regulator Ready

Advance regulator remote sense connection provided for precision alternator algorithm control for alternators equipped with an advanced regulator.

Easy Installation

Modular design for easy install. Includes all terminal stud insulator boots and protective snap on safety cover.

Built-in Safety

Ignition protected

lead-free RoHS 2002/95/EC

WATERPROOF TO IP66

FIVE YEAR WARRANTY LIMITED LIFETIME REPAIR

MICRO PROCESSOR CONTROL

model	part no.	system volts DC	max DC amps	alternator Input	battery outputs	size	weight
ProIsoCharge120 1•2	23121	12	120 Amp	1	2	5.35"(l) x 5.875"(w) x 3.125"(h)	2 lbs
ProIsoCharge180 1•2	23122	12	180 Amp	1	2	6.15"(l) x 5.875"(w) x 3.125"(h)	3 lbs
ProIsoCharge120 1•3	23124	12	120 Amp	1	3	6.15"(l) x 5.875"(w) x 3.125"(h)	3 lbs
ProIsoCharge250 1•2	23123	12	250 Amp	1	2	6.95"(l) x 5.875"(w) x 3.125"(h)	4 lbs
ProIsoCharge180 1•3	23125	12	180 Amp	1	3	7.55"(l) x 5.875"(w) x 3.125"(h)	5 lbs
ProIsoCharge250 1•3	23126	12	250 Amp	1	3	8.875"(l) x 5.875"(w) x 3.125"(h)	6 lbs
ProIsoCharge130 2•4	23127	12	130 Amp	2	4	12.05"(l) x 5.875"(w) x 3.125"(h)	7 lbs
ProIsoCharge60 1•2	23241	24	60 Amp	1	2	5.35"(l) x 5.875"(w) x 3.125"(h)	2 lbs
ProIsoCharge100 1•2	23242	24	100 Amp	1	2	6.15"(l) x 5.875"(w) x 3.125"(h)	3 lbs
ProIsoCharge60 1•3	23245	24	60 Amp	1	3	6.15"(l) x 5.875"(w) x 3.125"(h)	3 lbs
ProIsoCharge150 1•2	23243	24	150 Amp	1	2	6.95"(l) x 5.875"(w) x 3.125"(h)	4 lbs
ProIsoCharge100 1•3	23246	24	100 Amp	1	3	7.55"(l) x 5.875"(w) x 3.125"(h)	5 lbs
ProIsoCharge150 1•3	23247	24	150 Amp	1	3	8.875"(l) x 5.875"(w) x 3.125"(h)	6 lbs
ProIsoCharge80 2•4	23248	24	80 Amp	2	4	12.05"(l) x 5.875"(w) x 3.125"(h)	7 lbs

ProMariner™

Digital Mobile Charge

DC to DC 4-Stage Charging...

Digital Mobile Charge40 is a breakthrough in battery to battery, on-the-water charging technology. Simply connect to the engine crank battery and your house electronic battery, allowing for up to 40 Amps per hour to be transferred to your house battery bank. Protects your engine battery while charging and conditioning your house battery bank, using its all-digital C3 boost-mode-charging technology.

Digital Mobile Charge130 alternator to battery on-the-water charging system provides a significant increase in charging capacity of up to 130 Amps. Simply connect your alternator to the Digital Mobile Charge130, then connect Digital Mobile Charge130 to your engine crank battery and house electronic battery bank. Digital Mobile Charge130 will provide up to 130 Amps per hour to your house battery bank while protecting your engine battery and charging/conditioning your house battery bank with its all-digital C3 boost mode charging technology.

TWO YEAR WARRANTY INCLUDED

lead-free RoHS 2002/95/EC

Advanced Electronic Battery Charging

In-Transit C³ Software Controlled, Multi-Stage Charging

Optimal fast charge, conditioning & maintenance. 4th stage provides on-demand fast charge mode when needed.

C³ Software - Engine Battery Management

Intelligently monitors & manages the health of the engine battery while providing maximum charge capacity to the auxiliary battery or bank.

C³ Intelligent Self-Calculating Absorption / Conditioning Mode

Automatic programming of charge/ absorption time based on discharge state of auxiliary battery or bank resulting in a 100% charge while desulfating battery plates and extending battery life.

On-Board C³ Digital Dash Includes Hi-Vis LEDs

Battery type, charge modes, temperature and fault conditions.

User Programmable Battery Type Selector

Select Flooded (lead-acid), AGM and GEL batteries.

Remote Temperature Probe Included

Built in Safety

Ignition protection, over temperature and over voltage protection. Intelligent alternator & battery over temperature protection.

Meets a boat's demand for on-the-water power and charging for 12 or 24 Volt DC systems, allowing for radar, lighting, live wells and other DC systems to operate while managing and charging batteries when running your engine.

model	part no.	DC input (volts/amps)	DC output (volts/amps)	size	weight
Digital Mobile Charge 12V to 12V Battery to Battery	05504	12 Volts / 40 Amps	12 Volts / 40 Amps	11" x 9.75" x 2.5"	8 lbs.
Digital Mobile Charge 12V to 24V Battery to Battery	05505	12 Volts / 40 Amps	24 Volts / 20 Amps	11" x 9.75" x 2.5"	8 lbs.
Digital Mobile Charge 24V to 12V Battery to Battery	05503	24 Volts / 20 Amps	12 Volts / 40 Amps	11" x 9.75" x 2.5"	8 lbs.
Digital Mobile Charge 24V to 24V Battery to Battery	05502	24 Volts / 20 Amps	24 Volts / 20 Amps	11" x 9.75" x 2.5"	8 lbs.
12V Digital Mobile Charge Alternator to Battery	05513	12 Volts	12 Volts / Up to 130 Amps (varies w/ ALT size)	11" x 9.75" x 2.5"	8 lbs.
24V Digital Mobile Charge Alternator to Battery	05514	24 Volts	24 Volts / Up to 130 Amps (varies w/ ALT size)	11" x 9.75" x 2.5"	8 lbs.

ProMariner™

ProSport Power Inverter

Ideal for Sport Fishing, Ski Boats...

Perfect for the on-board or on-the-road active user who needs to convert 12 Volt battery power to 110VAC. While on the water or in you car, provide instant AC power for laptops, cell phone chargers, radios, portable TV's, lighting, fax machines, camcorders, small power tools and more.

Converts 12 Volt Power to 110 VAC up to 150 Watts

Recharge and Power Portable Electronics
Power devices from your car, RV, camper and more

On the Road Power
Use with digital cameras, MP3 players, game consoles portable DVD players, laptops, TVs and more

Extruded Aluminum Case

Universal Cupholder Design

High Surge Capacity

Power / Status LED Indicators

Standard 110VAC Receptacle

Output Short & Input Polarity Protection

Low Battery Shutdown

Over Temperature and Overload Protection

model	part no.	surge capability	input	output	frequency	size	cable length
ProSport Power Inverter	79018	250 W	12 VDC	110 VAC	60 Hz	2.625"x 2.625" x 6"	3 ft

Battery Isolators

ProMariner Battery Isolators with gold-plated terminals* and improved efficiency, provide enhanced charging

Rated for use with DC devices ranging from 10 amps to 130 amps

model	part no.	configuration	max. current
1-70-2*	1-70-2	1 alt., 2 batt.	70 amp
1-70-3*	1-70-3	1 alt., 3 batt.	70 amp
2-70-2	2-70-2	2 alt., 2 batt.	70 amp
2-70-3	2-70-3	2 alt., 3 batt.	70 amp
1-130-2*	1-130-2	1 alt., 2 batt.	130 amp
1-130-3*	1-130-3	1 alt., 3 batt.	130 amp
2-130-2	2-130-2	2 alt., 2 batt.	130 amp

ProMariner™

TruePower Series

Convert 12 VDC Vehicle / Battery Power to 110VAC Household Power

Rich with features, TruePower offers Bat'Saver Mode operation on its 400 to 1,000 watt models so your engine crank battery will stay above 11.5V to start your boat or vehicle. Other high end features include dual LED bar graph displays and a remote port on all models between 600 and 1,000 Watts. Our 1,500 watt model includes a removable deluxe dual bar graph remote that can be surface or flush mounted.

TWO YEAR WARRANTY INCLUDED

Heavy Duty Marine Power Inverter

GFCI Safety Protected AC Outlets
Maximum ground safety and protection.

2 Mode Power-On with Battery Saver

(Bat Sav'r) Auto Mode
Automatically reserves battery power for engine start. 400-1000 Watt models.

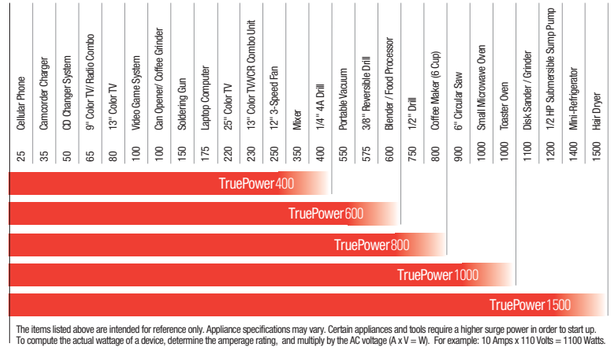
Soft Start and Noise Filtered Technology
For powering demanding loads.

Anti-Corrosion Protection
Conformal coating on all electronics.

User-Friendly Operation
High visibility LED power bar graphs and status indicators, intergrated port for remote control.

Built-in Safety
GFCI, over voltage, thermal, reverse polarity, low battery and short circuit protection. Constructed to UL458.

TruePower Inverter Selector Guide



The items listed above are intended for reference only. Appliance specifications may vary. Certain appliances and tools require a higher surge power in order to start up. To compute the actual wattage of a device, determine the amperage rating, and multiply by the AC voltage (A x V = W). For example: 10 Amps x 110 Volts = 1100 Watts.

model	part no.	wattage	surge rating	size	weight
TruePower 400	05040	400 Watts	800 Watts	9.25" x 6.0" x 3.0"	7 lbs
TruePower 600	05060	600 Watts	1200 Watts	12.0" x 8.2" x 3.5"	11 lbs
TruePower 800	05080	800 Watts	1600 Watts	14.4" x 8.2" x 3.5"	12 lbs
TruePower 1000	05100	1000 Watts	2000 Watts	14.4" x 8.2" x 3.5"	13 lbs
TruePower 1500	05150	1500 Watts	3000 Watts	17.8" x 10.0" x 3.5"	17 lbs
On/Off Fault Remote	05121	800-1000 Watts	N/A	2.3" x 1.8" x 0.8"	1 lbs

ProMariner™

TruePower CombiQS

Convert DC Battery Power to Filtered AC Household Power

Designed specifically for the most rugged marine applications. Seamless conversion of DC battery power to filtered low noise AC household power. AC Switch automatically selects AC or DC power inputs (depending on which source is available), ensuring AC household power is available at all times. TruePower QS includes a digitally controlled, True 3-Stage battery charger that can automatically recharge, condition and maintain batteries. Whether on the water or on the road, TruePower QS Series is ideal for large AC load applications such as air conditioners, refrigerators, microwaves, hair dryers, office equipment, power tools and more. Select the model that's right for you!

TWO YEAR WARRANTY INCLUDED

Combination Battery Charger/ Quasi (Modified) Sine Wave Inverter

2.8x Surge Rating with 1.0 Power Factor

7 Selectable 3-Stage Battery Charge Profiles

Compact, Robust Design

Easy-to-install, space saving design.

Fully Automatic Battery Charger and Inverter

Instant AC transfer switch passes AC shore/station power. Charges batteries when shore / station power is present, or switches safely into DC to AC inverter mode, making AC household power available on the water or on the road.

Charger Mode: Integrated, Automatic True 3-Stage Marine Grade Battery Charger

Built-in digital control technology provides seven user-selectable charge profiles for today's various battery chemistries.

Inverter Mode: Efficient, Quiet Conversion from DC Power to AC Power

Filtered Quasi (modified) Sine Wave AC output. Ideal for appliances, power tools and electronics Inverter delivers 2.8 times surge capacity for demanding applications – air conditioners, microwaves, refrigerators and more.

Pure sine wave passes through while connected to AC shore/station power.

Built-in Safety: Overload, Over Temperature, High and Low Battery Voltage Protection

Designed and constructed to FCC Class A, Marine UL 1236, UL 458, and CE ABYC–A 31 Marine Compliant.

Available in 12V or 24V models:

TruePower Combi 1000QS, TruePower Combi 1500QS, TruePower Combi2500QS

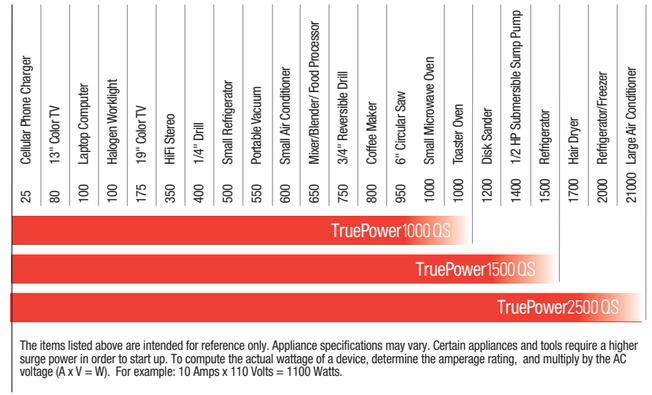
Accessories:

Removable Deluxe Remote

On/Off/Standby power modes and high visability LED indicators for Charger, Inverter and Fault modes.

Includes Connector Plate and Interface Cable

TruePower QS Series Selector Guide



The items listed above are intended for reference only. Appliance specifications may vary. Certain appliances and tools require a higher surge power in order to start up. To compute the actual wattage of a device, determine the amperage rating, and multiply by the AC voltage (A x V = W). For example: 10 Amps x 110 Volts = 1100 Watts.

CE Pb lead-free RoHS 2002/95/EC

GENERAL SPECIFICATIONS					DC INPUT RATINGS		Quasi (Modified) Sine Wave Inverter AC OUTPUT RATINGS				3 Stage Battery Charger AC INPUT RATINGS		DC OUTPUT RATINGS		
model	P/N	size LxWxH	weight	Auto AC Transfer Switch Rating (Amps)	DC Voltage (range)	DC Amps (max continous)	AC Voltage (range/Hz)	AC Amps (max continous)	Power Rating (continous/peak watts)	Electric Motor Start Capability	AC Voltage (range/Hz)	AC Input Breaker rating (Amps AC)	Charging Voltage (Selectable Profile)	Float Voltage (Selectable Profile)	Nominal Output Charger Amperage
TruePower1000QS 110 VAC / 12V DC	01012	17" x 9" x 7"	40 lbs	30 A	10.5-15 VDC	Up to 100 A	110-120 VAC / 60 Hz	Up to 9.1 A	1000 / 3000	1/2 HP @ 10.5 VDC	95 -127 VAC 50/60 Hz	16 A	14.0-15.1 VDC	13.3-13.8 VDC	Up to 40 Amps DC
TruePower1500QS 110 VAC / 12 VDC	01512	17" x 9" x 7"	40 lbs	30 A	10.5-15 VDC	Up to 150 A	110-120 VAC / 60 Hz	Up to 13.6 A	1500 / 4500	1 HP @ 10.5 VDC	95 -127 VAC 50/60 Hz	20 A	14.0-15.1 VDC	13.3-13.8 VDC	Up to 40 Amps DC
TruePower1500QS 230 VAC / 12 VDC	01513	17" x 9" x 7"	40 lbs	30 A	10.5-15 VDC	Up to 150 A	220-240 VAC / 50 Hz	Up to 6.8 A	1500 / 4500	1/2 HP @ 10.5 VDC	196 -245 VAC 50/60 Hz	30 A	14.0-15.1 VDC	13.3-13.8 VDC	Up to 40 Amps DC
TruePower1500QS 110 VAC / 24 VDC	01524	17" x 9" x 7"	40 lbs	30 A	21.5-29.5 VDC	Up to 75 A	110-120 VAC / 60 Hz	Up to 13.6 A	1500 / 4500	1/2 HP @ 21.5 VDC	95 -127 VAC 50/60 Hz	20 A	28.0-30.2 VDC	26.6-27.4 VDC	Up to 20 Amps DC
TruePower1500QS 230 VAC / 24 VDC	01525	17" x 9" x 7"	40 lbs	30 A	21.5-29.5 VDC	Up to 75 A	220-240 VAC / 50 Hz	Up to 13.6 A	1500 / 4500	1/2 HP @ 21.5 VDC	196 -245 VAC 50/60 Hz	20 A	28.0-30.2 VDC	26.6-27.4 VDC	Up to 20 Amps DC
TruePower2500QS 110 VAC / 12 VDC	02412	17" x 9" x 7"	44 lbs	30 A	10.5-15 VDC	Up to 250 A	110-120 VAC / 60 Hz	Up to 22.7 A	2500 / 7200	1 HP @ 10.5 VDC	95 -127 VAC 50/60 Hz	30 A	14.0-15.1 VDC	13.3-13.8 VDC	Up to 50 Amps DC
TruePower2500QS 230 VAC / 12 VDC	02413	17" x 9" x 7"	44 lbs	30 A	10.5-15 VDC	Up to 250 A	220-240 VAC / 50 Hz	Up to 11.4 A	2500 / 7200	1 HP @ 10.5 VDC	196 -245 VAC 50/60 Hz	30 A	14.0-15.1 VDC	13.3-13.8 VDC	Up to 50 Amps DC
TruePower2500QS 110 VAC / 24 VDC	02424	17" x 9" x 7"	44 lbs	30 A	21.5-29.5 VDC	Up to 125 A	110-120 VAC / 60 Hz	Up to 22.7 A	2500 / 7200	1 HP @ 21.5 VDC	95 -127 VAC 50/60 Hz	30 A	28.0-30.2 VDC	26.6-27.4 VDC	Up to 25 Amps DC
TruePower2500QS 230 VAC / 24 VDC	02425	17" x 9" x 7"	44 lbs	30 A	21.5-29.5 VDC	Up to 125 A	220-240 VAC / 50 Hz	Up to 11.4 A	2500 / 7200	1 HP @ 21.5 VDC	196 -245 VAC 50/60 Hz	30 A	28.0-30.2 VDC	26.6-27.4 VDC	Up to 25 Amps DC

ProMariner™

TruePower Combi PS

Pure Sine Wave TECHNOLOGY

Pure Sine Wave Output...

The TruePower PS Pure Sine Wave Combination Inverter/Charger, provides all the benefits and features of our QS series but yields a Pure Sine Wave AC output which is equal to the quality of AC power enjoyed at home. Pure Sine Wave Technology is perfect for mobile or on the water audio/visual systems with plasma or LCD flat screen technology in addition to large appliances with hysteresis motor control as used in household appliances like washing machines.

TWO YEAR WARRANTY INCLUDED

Combination Charger/Pure Sine Wave Inverter

2.8x Surge Rating with 1.0 Power Factor

7 Selectable 3-Stage Battery Charge Profiles

Compact, Robust Design
Easy-to-install, space saving design.

Fully Automatic Battery Charger and Inverter
Instant AC transfer switch passes AC shore/station power. Charges batteries when shore / station power is present or switches safely into DC to AC inverter mode, making AC household power available on the water or on the road.

Charger Mode: Integrated, Automatic True 3-Stage Marine Grade Battery Charger
Built-in digital control technology provides seven user-selectable charge profiles for today's various battery chemistries.

Inverter Mode: Efficient, Quiet Conversion from DC Power to AC Power
Pure Sine Wave Technology. Perfect for mobile or on the water audio/visual systems and large appliances with hysteresis motor control.
Inverter delivers 2.8 times surge capacity for demanding applications air conditioners, microwaves, refrigerators and more.
Pure Sine Wave passes through while connected to AC shore/station power.

Built-in Safety:
Overload, Over Temperature, High and Low Battery Voltage Protection.
Designed and constructed to FCC Class A, Marine UL 1236, UL 458, and CE ABYC–A 31 Marine Compliant.

Accessories:

Removable Deluxe Remote
On/Off/Standby power modes and high visability
LED indicators for Charger, Inverter and Fault modes.
Includes connector plate and interface cable

CE Pb lead-free RoHS 2002/95/EC

GENERAL SPECIFICATIONS					DC INPUT RATINGS		AC OUTPUT RATINGS				AC INPUT RATINGS		DC OUTPUT RATINGS		
							Pure Sine Wave Inverter				3 Stage Battery Charger				
model	P/N	size LxWxH	weight	Auto AC Transfer Switch Rating (Amps)	DC Voltage (range)	DC Amps (max continous)	AC Voltage (range/Hz)	AC Amps (max continous)	Power Rating (continous/peak watts)	Electric Motor Start Capability	AC Voltage (range/Hz)	AC Input Breaker rating (Amps AC)	Charging Voltage (Selectable Profile)	Float Voltage (Selectable Profile)	Nominal Output Charger Amperage
TruePower2000PS 110 VAC / 12 VDC	02012	17" x 9" x 7"	44 lbs	30 A	10.5-15 VDC	Up to 200 A	110-120 VAC / 60 Hz	Up to 18.2 A	2000 / 6000	1 HP@10.5 VDC	95 -127 VAC 50/60 Hz	30 A	14.0-15.1 VDC	13.3-13.8 VDC	Up to 70 Amps DC
TruePower2000PS 230 VAC / 12 VDC	02013	17" x 9" x 7"	44 lbs	30 A	10.5-15 VDC	Up to 200 A	220-240 VAC / 50 Hz	Up to 9.1 A	2000 / 6000	1 HP@10.5 VDC	196 -245 VAC 50/60 Hz	30 A	14.0-15.1 VDC	13.3-13.8 VDC	Up to 70 Amps DC
TruePower2000PS 110 VAC / 24 VDC	02024	17" x 9" x 7"	44 lbs	30 A	21.5-29.5 VDC	Up to 100A	110-120 VAC / 60 Hz	Up to 18.2 A	2000 / 6000	1 HP@ 21.5 VDC	95 -127 VAC 50/60 Hz	30 A	28.0-30.2 VDC	26.6-27.4 VDC	Up to 35 Amps DC
TruePower2000PS 230 VAC / 24 VDC	02025	17" x 9" x 7"	44 lbs	30 A	21.5-29.5 VDC	Up to 100 A	220-240 VAC / 50 Hz	Up to 9.1 A	2000 / 6000	1 HP@ 21.5 VDC	196 -245 VAC 50/60 Hz	30 A	28.0-30.2 VDC	26.6-27.4 VDC	Up to 35 Amps DC

TruePower400PS

Pure Sine Wave TECHNOLOGY

Convert DC Battery Power to AC Household Power

The TruePower 400 PS delivers 400 Watts of the Pure Sine Wave AC Power; ideal for today's advanced audio, video and gaming systems. Whether you're on road or on the water, enjoy the performance of your entertainment systems when powered by our latest TruePower 400 PS Power Inverter rich with features like remote control and auto crossover.

TWO YEAR WARRANTY INCLUDED

400 Watt Autocrossover Pure Sine Wave Recreational & Marine Power Inverter

Ideal for All On-Board Audio-Visual and Hi-Fi Entertainment Systems

Pure Sine Wave Output
up to 400 watts of continuous power

Fully Automatic 10 Amp Crossover

Hardwired Connection for AC Output

AC Receptacle Outlets (2-Duplex)
front and rear duplex receptacles

GFCI Protected

Includes Remote Control
with LED status display

UL458 (C) & ABYC-A25 Certified

Built In Protection-Short Circuit, Polarity, Temp and Low Battery

model	part no.	AC output	AC output power	DC input	size
79405 hardwired	79405	120VAC 60 Hz	400 Watts	12.6VDC	13" x 6.6" x 3.75"
79400 w/ GFCI outlet	79400	120VAC	1000 VA surge for 5 Seconds	up to 40 Amps Continuous	13" x 6.6" x 3.75"

ProMariner™

Fail Safe CERTIFIED
Zinc Saving Technology

ProSafeFS Series

FailSafe Technology with Peace of Mind Dependability...

The ProSafe FS Series of FailSafe 30 and 60 Amp Galvanic Isolators will interrupt galvanic current flow with other boats at a marina when installed on a boat which is connected to AC Shore Power. This technology maintains AC safety ground and solves the most common forms of corrosion and premature zinc loss within a boats bonding system. The ProSafe FS Series is UL Certified to meet the parameters of the ABYC A-28 recommendation ProSafe FS installs easily and does not require a dedicated monitor to verify the operational status of the galvanic isolator as required by non FailSafe Certified galvanic isolators. Both the ProSafe 30 and 60 Amp models are built on robust Flat Pack Semiconductor platforms, ensuring that in the event of a failure, the failure is safe by not compromising the ground continuity on-board when connected to AC Shore Power.

2007 I·B·E·X INNOVATION AWARDS WINNER

FIVE YEAR WARRANTY INCLUDED

Galvanic Isolator

ABYC A-28 July '08 Compliant and Fail Safe Certified
Certified by Underwriters Laboratories (UL). Insures shore power safety ground wire is maintained through the isolator.

Flat Pack High Power Semiconductors
Robust high power diodes allow the FS Series to meet the new FailSafe criteria for conducting inrush currents 3,000 and 5,000 amps (FS30 and FS60 respectively) for the required duration period.

Innovative Design
The FS60 will cool itself in the event it must conduct current insuring cooler operation in this mode.

Ignition Protected
Meets ISO 8846 and either model can be mounted within an engine compartment.

Gold Plated Terminations

Simply install in your on board green safety ground wire (between your AC inlet and your AC Panel) to separate your D.C. Bonding System from your Shore A.C Green wire.

ProSafe FS30
For 30 Amp Shore Cord Applications

ProSafe FS60
For (1) 50 Amp or (2) 30 Amp Shore Cord Applications

Unprotected outdrives

Unprotected and premature transom & outdrive zinc loss

Unprotected sail drive

MARINE UL LISTED GALVANIC ISOLATOR 3GF1 · lead-free · RoHS 2002/95/EC

model	part no.	shore cord inlet compatibility	ratings VAC / AMPs / Hz	max temp.	size	weight
ProSafeFS30	22034	Single 15, 16, 20 or 30	120/240 VAC / 41A / 50 or 60 Hz	50˚ C	6.75"x 7" x 2.5"	3 lbs
ProSafeFS60	22074	Single 50 or Dual 15's, 16's, 20's or 30's	120/240 VAC / 82A / 50 or 60 Hz	50˚ C	7.25"x 6.5" x 3.75"	3.7 lbs

ProMar
Galvanic Isolation

ProMariner™

Galvanic Isolation

Protecting your Boat's Outdrive, Props and Metal Fittings while Maximizing Zinc Life...

Slipping your boat with a shore power connection provides the conveniences and comforts of home when you're at the dock until you begin to notice zinc loss and corrosion of your boat's metal fittings, outdrives, trim tabs and virtually anything that is metal under the water line. The good news is most forms of corrosion can be eliminated with a galvanic isolator. ProMariner for over 30 years has led the industry with corrosion control products to include today's Zinc Saver 30 Isolators and the ProSafe 30 and 60 FS Galvanic Isolators. Solving most forms of typical corrosion issues can be achieved with a galvanic isolator which will maximize zinc life and keep your underwater fittings, drives, props, in good health versus premature zinc loss and prevent costly damage simply by not having a galvanic isolator on board to interrupt galvanic current flow with other boats sharing a common AC ground while connected to AC shore power while slipped at the dock.

FIVE YEAR WARRANTY INCLUDED

Unprotected outdrives

Unprotected and premature transom & outdrive zinc loss

Unprotected sail drive

For Boats Manufactured in 2006 and Prior with a 30 amp shore power connection, a Zinc Saver 30 offers an enhanced solution and is designed to be installed in place of the older black box Zinc Saver 30, which did not have the capability to eliminate stray AC current as addressed with our newer UL approved Zinc Saver 30 shown above.

Simply install in your on board green safety ground wire (between your AC inlet and your AC Panel) to separate your D.C. Bonding System from your Shore A.C Green wire.

Zinc Saver 30 - For Single 30 Amp Shore Cord

While quantities last, upgrade your boats bonding system by replacing your older black Zinc Saver 30 with the new ProSafe Zinc Saver 30 providing superior isolation capability when confronted with low level stray AC.

Take the mystery out of corrosion symptoms with a comprehensive step by step process written in the ProMariner Corrosion control workbook.

MARINE UL LISTED GALVANIC ISOLATOR 3GF1 · lead-free · RoHS 2002/95/EC

model	part no.	size	weight
Unmonitored UL Listed ProSafe 30A Zinc Saver - Galvanic Isolator - while quantities last	22033	6.25" x 2.0" x 6.0"	4 lbs
Corrosion Control Workbook	20001	8.5" x 11"	1 lbs